



**United States Environmental Protection Agency  
Region 4**

***SUPERFUND PROGRESS UPDATE***

**Coleman-Evans Wood Preserving Site  
Whitehouse, Florida**

March 1999

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- *Soil Cleanup Design Status*
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***SUMMARY***

Construction is scheduled to begin in April 1999 on the first phase of soil cleanup at the Coleman-Evans Wood Preserving Site, Duval County, Whitehouse, Florida. This fact sheet provides an update of the actions EPA and the U.S. Army Corps of Engineers are taking to address soil and groundwater contamination at the site and announces a public meeting. The public is invited to attend a meeting on Wednesday, March 10, 1999, from 6:00 pm to 8:00 pm at the Whitehouse Elementary School, located at 11160 General Avenue, Whitehouse, Florida. Representatives of EPA and the U.S. Army Corps of Engineers will be present to answer questions and to distribute information concerning site activities.

EPA maintains an information repository at the Whitehouse Elementary School which contains important documents regarding the Coleman-Evans Wood Preserving Site. The information repository is made available to the public in order to provide more detailed information about the scope of the project.

**Public Meeting**

***When:* Wednesday, March 10, 1999  
from 6:00 pm to 8:00 pm**

***Where:* Whitehouse Elementary  
School 11160 General Avenue  
Whitehouse, Florida**

***Purpose:* To discuss upcoming construction  
at the Coleman-Evans Wood Preserving  
site and answer questions from the  
community**

***For more information, please call:***

**Randall Chaffins  
Remedial Project Manager  
U.S. Environmental Protection Agency  
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**or**

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U.S. Army Corps of Engineers  
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## **RESULTS OF TREATABILITY STUDIES**

The U.S. Army Corps of Engineers has completed treatability studies on contaminated soil, sediment, and groundwater from the site. Site soil and sediment samples were collected in August 1997 and subsequently treated in the laboratory using a small device which simulates the thermal desorption unit that will be used at the site. Contaminated groundwater samples were also collected from the upper surficial aquifer in August 1997 and treated in the laboratory using carbon adsorption.

The individual studies indicate that the selected remedies of thermal desorption for the soil and sediment, and activated carbon for the groundwater are effective technologies that can meet the specified treatment goals.

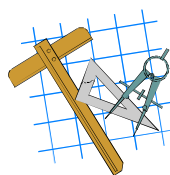
## **SOIL CLEANUP DESIGN STATUS**



In November 1998, the U.S. Army Corps of Engineers completed the soil remedial design and issued the performance

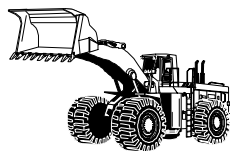
specifications and contract documents that outline the requirements to be met during the remedial action. In January 1999, these documents were approved by local, state, and federal authorities. The design calls for the excavation of all contaminated soil and sediment above established cleanup levels followed by on-site treatment in a temporary thermal desorption unit. The soil cleanup levels for soil are 2 parts per million for PCP and 1 part per billion for dioxin.

After the regulatory review was complete, International Technology (IT) Group was awarded the contract for soil remediation and will be responsible for implementing the approved design. IT Group is an international environmental firm with extensive experience implementing similar site remediation projects. All construction work during site remediation will be performed by IT Group (or a subcontractor acting on its behalf) with daily field oversight provided by the Jacksonville District of the U.S. Army Corps of Engineers. The U.S. Army Corps of Engineers will maintain a field office at the site during remediation and representatives will be available to answer questions from the community or address concerns that may arise.



## **GROUNDWATER CLEANUP DESIGN STATUS**

The U.S. Army Corps of Engineers finished collecting groundwater field samples from both new and existing monitoring wells in January 1999. EPA laboratory analysis of the groundwater samples will be completed in March 1999. Information from the laboratory results will be used to design the groundwater treatment system. The system is required to treat the groundwater to the cleanup level of 1 part per billion for PCP and 1 part per trillion for dioxin. The groundwater design is scheduled for completion in the Fall 1999.



## **PLANNED CLEANUP ACTIVITIES FOR 1999**

The cleanup tasks scheduled for 1999 consist primarily of soil and sediment remediation. The work sequence planned for the soil cleanup is divided into three phases: Project Startup, Treatment of Soil and Water Derived From The Excavation Process, and Project Closure. Each phase includes the following major tasks:

### **Phase 1: Project Startup (April B June 1999)**

- Installing temporary worker facilities and fencing restricting on-site access;
- Installing perimeter air monitoring equipment;
- Beginning construction of a temporary on-site wastewater treatment facility;
- Clearing of wood debris, trash, and trees;
- Demolishing Coleman-Evans structures and foundations;
- Implementing soil erosion and dust control measures.

### **Phase 2: Treatment of Soil and Water Derived From The Excavation Process (Dec 1999 B Dec 2000)**

- Erecting the temporary on-site thermal desorption unit;
- Completing construction of the temporary on-site wastewater treatment facility
- Excavating approximately 53,000 cubic yards of PCP and dioxin-contaminated soil, sediment and debris from on-site and the residential areas and treating it in the thermal desorption unit;
- Temporarily relocating at least one area resident to facilitate safe excavation of contaminated soil (see Impact To Area Residents section);
- Disposing of asbestos-containing material;

- Backfilling excavated areas with material treated to meet clean-up levels and/or clean soil;
- Re-grading and re-vegetating all excavated areas;
- Collecting waste oil for recycling and/or off-site disposal during soil excavation.

### Phase 3: Project Closure (Jan 2001)

- Removing the temporary thermal desorption unit;
- Disposing of all process generated waste;
- Removing temporary site fencing, facilities and utilities;
- Constructing a permanent water treatment system
- Meeting with residents to ensure all concerns have been addressed.



### IMPACT TO AREA RESIDENTS

The impact of the soil remediation on local residents is a primary concern and all efforts will be taken to minimize disruption to the local community. Unfortunately, due to migration of site contaminants, several properties south of the Coleman-Evans

facility have been impacted by site-related contaminants. Although these off-site areas of contamination have relatively low concentrations, they will need to be addressed during the site remediation. EPA plans to excavate the off-site contaminated material, transport it back to the site, and treat it in the temporary thermal desorption unit. All excavated areas will be backfilled to original grade and re-vegetated.

To the extent possible, relocation of residents during site remediation will be avoided unless absolutely necessary due to health or safety reasons. Based on current information, EPA recommends one area resident temporarily relocate for a duration up to approximately three months during the soil excavation. All costs associated with moving expenses and temporary housing will be borne by the government and all efforts will be made to minimize inconveniences to the affected resident.

No other relocations are anticipated at this time, however, it is possible that other residents may be asked to temporarily relocate because of their close proximity to construction activities. Again, residents will only be asked to relocate if health and safety concerns require it. Ultimately, it is EPA's goal to minimize the number and duration of all temporary relocations. The affected residents may relocate to apartments,

rental houses, or mobile homes rather than hotels.

Access to residential properties for excavation of contaminated soils shall be limited to the properties requiring excavation. All precautions will be used to minimize damage to all existing private property. U.S. Army Corps of Engineers specifications require the contractor to implement dust and erosion control measures during all construction activities. Vacant property located at the northeast and northwest corners of Celery and General Avenues will be used for construction office trailers, worker parking, and staging areas.

### SCHEDULE OF UPCOMING ACTIVITIES

ACTIVITY	SCHEDULE*
<i>Soil Cleanup Work Begins</i>	<i>April 1999</i>
<i>Thermal Treatment of Soil Begins</i>	<i>Fall 1999</i>
<i>Complete Design of Groundwater Remedy</i>	<i>Fall 1999</i>
<i>Temporary Resident Relocation (s)</i>	<i>Spring 2000</i>
<i>Complete Soil Treatment</i>	<i>Winter 2000</i>

\*Schedule subject to change



### Technical Assistance Grants Available

The Technical Assistance Grant (TAG) program was established by Congress to expand EPA's efforts to assist community groups in interpreting technical information regarding a Superfund site. The TAG program provides up to \$50,000 to incorporated community groups for the purpose of hiring technical advisors to help citizens understand and interpret site remediation for themselves.

Congress and EPA have established three basic requirements for the use of grant funds by citizen groups. Interested citizen groups may receive further information on the TAG program by writing or calling the EPA Region IV office, Ms. Rhonda Newberry at (800) 435-9234 ext. 29234, or (404) 562-8867.



### *How Do I Learn More?*

More information is only a phone call away. The on-site Construction Representatives for the U.S. Army Corps of Engineers are:

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U.S. Army Corps of Engineers  
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For other information, please contact the U.S. Army Corps of Engineers, Jacksonville District Public Affairs Officer:

Ms. Jacquelyn Griffin

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For more information on the Coleman-Evans Site please contact EPA's Remedial Project Manager:

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